

INVITATION TO BID

Addendum # 2



Department Of Executive Services
Finance and Business Operations Division
Procurement and Contract Services Section
206-684-1681 TTY Relay: 711

ADDENDUM DATE: October 4, 2005

ITB Title: **Overhaul of Pumps at King County Airport**
ITB Number: **IT12937 JAE**
Revised Due Date/Time: **October 13, 2005 –2:00 P.M.**
Buyer: Jim Engan, jim.Engan@metrokc.gov , (206) 684-1053
Alternate Contact: Patti Oquist, patti.Oquist@metrokc.gov , (206) 263-4275

This Addendum Is Issued To Revise Invitation To Bid 12937-JAE, Advertised September 15, 2005 As Follows:

1. The bid opening date remains the same, Thursday, October 13, 2005, at 2:00 PM exactly.
2. See below for the questions and answers of the pre-bid conference held, Wednesday, September 28, 2005, at 10:00 a.m.
3. **Replace** Section 6 – Pricing, with Attached **Section 6 - Pricing (Revised)**.

If you have any questions, please contact the Alternate Contact Patti Oquist, patti.Oquist@metrokc.gov , (206) 263-4275, or FAX (206) 684-1470

Note: This Addendum is available on the Internet at

http://www.metrokc.gov/procurement/rfp_rfq_itb/new_goods.aspx . Potential Proposers must contact the Alternate Contact Patti Oquist, patti.Oquist@metrokc.gov , (206) 263-4275, or FAX (206) 684-1470

TO BE ELIGIBLE FOR AWARD OF THIS INVITATION TO BID, THIS ADDENDUM MUST BE SIGNED AND SUBMITTED ALONG WITH THE ORIGINAL INVITATION TO BID OR UNDER SEPARATE COVER TO: King County Procurement & Contract Services Section, Exchange Building, 8th Floor, 821 Second Avenue, Seattle, WA 98104-1598. Office hours: 8:00 a.m. - 5:00 p.m., Monday – Friday.

Company Name

Address		City / State / Postal Code	
Authorized Representative / Title	Signature	Phone	Fax
Company Contact / Title	Email	Phone	Fax
Delivery guaranteed: <input type="checkbox"/> Yes <input type="checkbox"/> No	Days after order:	Prompt Payment Discount Terms: ___%-___Days, Net ___	

PRE-SITE VISIT QUESTIONS (Q) AND ANSWERS (A)

Q. Define Overhaul:

A. Overhaul shall contain the following steps:

1. The Contractor shall include in the overhaul disassembly, cleaning, inspection of parts, reconditioning of parts, replacement of parts, and reassembly.
2. The unit shall be completely disassembled and inspected for cracks, wear, corrosion and other unusual or abnormal conditions. Parts shall be refinished, and certain other parts shall be replaced such as bearings, seals, and packings. All items that function as gaskets, seals, and o-rings, shall be replaced.
3. The Contractor shall inspect propeller/impeller which may require replacement of severely worn propeller/impeller. Adjust clearance if needed. A new item in Section 6, pricing is being added to separate out the cost of a new impeller if needed but shall be balanced to G1 specifications.
4. The Contractor shall inspect bowl assembly, pump elbow and column assembly, lineshaft assembly, lubrication assembly and inspect the motor seal for proper oil level and possible contamination.
5. The Contractor shall replace oil.
6. The Contractor shall provide vibration analysis and balancing of unit.

Q. Which pump of the four (4) is Item no. 1 referring to and can the next pump be taken the same time the overhauled pump is returned?

A. Pump #4 is the current pump to be bid on in Item no. 1 in Section 6 Pricing. Item no. 2 is for the option to overhaul the other three (3). Each pump will be authorized as a separate project option and not automatically after each pump.

Q. Please tell us about Pump #4.

A. Pump #4

1. is currently over amping.
2. has approximately 10,000 hours on it. (Remaining pumps have up to 9,000 hours each).
3. has "never" been overhauled, but has had regular maintenance and is approximately 6-7 years old.
4. Unit description: One Stage 16AF Axial Flow Pump, 1200RPM, 1.15 S.F., NRC
5. 50HP VHS Electric Motor, 3 phase, 60 Hertz, 460 Volts.

Q. The serial numbers for the bearings read off the pump appear to be 7220 BEAP (upper) and 6211-J (lower), correct?

A. According to the blue print the King County specialist has, this is incorrect. These numbers may be the bearing numbers for the motor bearings.

Q. What is required for site access?

A. The site access will be via the Airport Maintenance Gate(s) and escorts will be furnished by Airport Maintenance to site. The Contractor shall be required to secure Airport ID Badges. This process should not require more than 14 days.

Q. What is the weight of the pump?

A. The pump and motor assembly shall be pulled. The pump and the motor is 3,500 lbs. The weight of just the pump is 2,800 lbs.

- Q.** How does the pump unit come out?
- A.** The pump unit is attached with bolts, the floor boards are removable for each unit and the unit comes out through the skylight located above each pump. The dimensions of each skylight are approximately 3' 6" x 5' **A copy of the pump station floorplan is attached.**
- Q.** Will the laser line alignment be eliminated?
- A.** Balancing motor to G1 specifications at 1800 RPM. Laser alignment will not be necessary; however, the pump shaft shall be checked for straightness. Vibration analysis requirements shall be for the unit after installation. – Two (2) Measurements.
1. Motor – 0-12000 CPM
 2. Motor Bearings – 0-120,000 CPM. Pump 0.3 in / sec velocity pump unfiltered.
- Q.** What was King County's requirement for a warranty?
- A.** The Contractor shall provide 1200 HRS and 1 year as previously required in the current bid specifications.
- Q.** What is the Period of Performance?
- A.** The Period of Performance by the Contractor shall be two (2) weeks from the time the pump is pulled out to the time that the pump is reinstalled.
- Q.** What is the coding (e.g., corrosion) and Paint specifications?
- A.** The Contractor shall use the paint coating and corrosion standard. It is the same as stated in the current bid specifications.
- Q.** Can a copy of the sign-in sheet for the pre-bid be included as part of the Addendum?
- A.** The following attended the pre-bid conference:

Name	Company	Phone	Fax
Mark A Romero	Beckwith & Kuffel	(206) 767-6700	(206) 767-6230
Robert Anderson	Beckwih & Kuffel	(206) 767-6700	(206) 767-6230
Bill Swan	Cascade Machinery	(206) 762-0500	(206) 762-5122
Peter Hague	Sulzer pumps	(206) 433-2600	(206) 433-0263
David Sack	David L Sack	(206) 243-9757	(206) 243-0897

SECTION 6 - PRICING (REVISED)

Item No.	Quantity	Description	Unit Price	Total Price
1.	1 Unit	The removal, overhaul and re-installation of a Cascade single stage, 16AF20, vertical axial flow, propeller pump in accordance with IT12937-JAE and the attached drawing. (Pump & Motor Unit)	\$_____/Unit	\$_____
2.	1 Each	Impeller cost if replaced	\$_____/EA	\$_____
3.		Total Bid Price For Parts (Excluding Tax) State the percent markup on the cost of materials and multiply by the annual estimated dollar amount of \$15,000.00 \$15,000.00 Parts x _____% markup over cost =		\$_____
4.	Optional 3 Units	King County has the option to have 3 additional pumps overhauled in accordance with IT12937-JAE at the unit price of Item No. 1. The pricing of the work in future contract periods will be adjusted in accordance with Subsection 4-2 Price Revisions.	\$_____/EA	\$_____
TOTAL BID PACKAGE				\$_____

